



IFW PATENT
S-0796-US

16/4

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

JAMES L. MCNAUGHTON

SERIAL NO.: 10/540,378

FILED: JUNE 23, 2005

COMPOSITIONS AND METHODS FOR
CONTROL OF BOVINE MASTITIS

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT

Enclosed herewith for consideration by the Examiner is an Information Disclosure Form PTO/SB/08A and PTO/SB/08b. There are 144 U.S. patent references listed but not enclosed and 29 foreign patent documents and 87 literature references listed and enclosed.

Respectfully Submitted,

John F. Sieberth
Sieberth & Patty, L.L.C.
4703 Bluebonnet Blvd.
Baton Rouge, LA 70809

Telephone: (225) 291-4600
Facsimile: (225) 291-4606

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known		
			Application Number	10/540,378	
			Filing Date	June 23, 2005	
			First Named Inventor	James L. McNaughton	
			Group Art Unit	1614	
Sheet	1	of	11	Examiner Name	---
				Attorney Docket Number	S-0796-US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	US-1	US-1995639	03-26-1935	Henderson	
	US-2	US-2130805	09-20-1938	Levine	
	US-3	US-2392505	01-08-1946	Rogers	
	US-4	US-2398598	04-16-1946	Rogers	
	US-5	US-2443429	06-15-1948	Marks	
	US-6	US-2662855	09-07-1950	Kamlett	
	US-7	US-2779764	01-29-1956	Paterson	
	US-8	US-2795556	06-11-1957	Quinn	
	US-9	US-2815311	12-03-1957	Ellis, et al.	
	US-10	US-2868787	01-13-1959	Paterson	
	US-11	US-2920997	01-12-1960	Wolf et al.	
	US-12	US-2971959	02-14-1961	Waugh et al.	
	US-13	US-2971960	02-14-1961	Waugh et al.	
	US-14	US-3121715	02-18-1964	Waugh et al.	
	US-15	US-3147219	09-01-1964	Paterson	
	US-16	US-3147259	09-01-1964	Paterson	
	US-17	US-3152073	10-06-1964	Morton	
	US-18	US-3170883	02-23-1965	Owen et al.	
	US-19	US-3308062	03-07-1967	Gunther	
	US-20	US-3328294	06-27-1967	R.W. Self et al.	
	US-21	US-3345371	10-03-1967	Paterson	
	US-22	US-3412021	11-19-1968	Paterson	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ - Kind Code ⁵ (if known)				
	FP-1	CA- 1230825	12-29-1987	Bristol-Myers Co.		
	FP-2	CA- 2042430	11-30-1991	Eltech Systems Corp.		
	FP-3	CA- 2163596	09-04-1996	S.C. Johnson & Son, Inc.		
	FP-4	EP- 0106563	04-25-1984	Rohm and Haas		
	FP-5	EP- 0177645 A1	04-16-1986	Girard et al.		

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Group Art Unit	1614
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U.S. PATENT DOCUMENTS

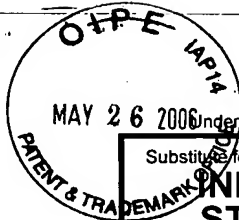
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	US-23	US-3519569	07-07-1970	Diaz	
	US-24	US-3558503	01-26-1971	Goodenough et al.	
	US-25	US-3589859	06-29-1971	Foroulis	
	US-26	US-3626972	12-14-1971	Lorenzen	
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	US-28	US-3749672	07-31-1973	Golton et al.	
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	US-33	US-3986231	10-19-1976	Harben, Jr.	
	US-34	US-4032460	06-28-1977	Zilch et al.	
	US-35	US-4078099	03-07-1978	Mazzola	
	US-36	US-4119535	10-10-1978	White et al.	
	US-37	US-4126717	11-21-1978	Mazzola	
	US-38	US-4136052	01-23-1979	Mazzola	
	US-39	US-4199001	04-22-1980	Kratz	
	US-40	US-4199602	04-22-1980	Lentsch	
	US-41	US-4235599	11-25-1980	Davis, et al.	
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	US-43	US-4242216	12-30-1980	Daugherty et al.	
	US-44	US-4250910	02-17-1981	King	
	US-45	US-4258056	03-24-1981	Lentsch	
	US-46	US-4270565	06-02-1981	King, Sr.	
	US-47	US-4293425	10-06-1981	Price	

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	FP-6	EP- 0206725	12-30-1986	Jeyes Group Limited		
	FP-7	EP- 0228593	07-15-1987	Chesebrough-Pond's Inc.		
	FP-8	EP- 0550137 A2	07-07-1993	Greenley et al.		
	FP-9	EP- 0581826	02-09-1994	Jeyes Limited		
	FP-10	EP- 0584955 A2	03-02-1994	Leech et al.		

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Sheet **3** of **11****U.S. PATENT DOCUMENTS**

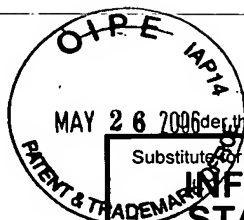
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	US-48	US-4295932	10-20-1981	Pocius	
	US-49	US-4297224	10-27-1981	Macchiarolo, et al.	
	US-50	US-4327151	04-27-1982	Mazzola	
	US-51	US-4331174	05-25-1982	King, Sr.	
	US-52	US-4362753	12-07-1982	Barta	
	US-53	US-4376787	03-15-1983	Lentsch et al.	
	US-54	US-4382799	05-10-1983	Davis et al.	
	US-55	US-4388811	06-21-1983	Zebarth	
	US-56	US-4420394	12-13-1983	Lewis	
	US-57	US-4427435	01-24-1984	Lorenz et al.	
	US-58	US-4427692	01-24-1984	Girard	
	US-59	US-4451376	05-29-1984	Sharp	
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	US-61	US-4465839	08-14-1984	Schulte et al.	
	US-62	US-4469848	09-04-1984	Hooper et al.	
	US-63	US-4476930	10-16-1984	Wantanabe	
	US-64	US-4490308	12-25-1984	Fong et al.	
	US-65	US-4532330	07-30-1985	Cole	
	US-66	US-4534963	08-13-1985	Gordon	
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	US-72	US-4560766	12-24-1985	Girard et al.	

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		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
	FP-11	EP- 0827695 A2	03-11-1998	The Boc Group, Inc.		
	FP-12	GB- 1054243	01-04-1967	Wallace Cameron & Co.		
	FP-13	GB- 1139188	01-08-1969	Padilla		
	FP-14	GB- 1600289	10-14-1981	Wilson et al.		
	FP-15	GB- 2267487 A	12-08-1993	Mason		

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Application Number	10/540,378
Filing Date	June 23, 2005
First Named Inventor	James L. McNaughton
Group Art Unit	1614
Examiner Name	---
Attorney Docket Number	S-0796-US

Sheet 4 of 11

U.S. PATENT DOCUMENTS

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		Number-Kind Code ² (if known)			
	US-73	US-4566973	01-28-1986	Masler, III et al.	
	US-74	US-4571333	02-18-1986	Hsiao et al.	
	US-75	US-4595517	06-17-1986	Abadi	
	US-76	US-4595691	06-17-1986	LaMarre et al.	
	US-77	US-4597941	07-01-1986	Bottom et al.	
	US-78	US-4604431	08-05-1986	Fong et al.	
	US-79	US-4617117	10-14-1986	Messinger et al.	
	US-80	US-4621096	11-04-1986	Cole	
	US-81	US-4728442	03-01-1988	Shuttlewood et al.	
	US-82	US-4642194	02-10-1987	Johnson	
	US-83	US-4643835	02-17-1987	Koeplin-Gall et al.	
	US-84	US-4654424	03-31-1987	Girard et al.	
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	US-89	US-4680339	07-14-1987	Fong	
	US-90	US-4680399	07-14-1987	Buchardt	
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	US-94	US-4703092	10-27-1987	Fong	
	US-95	US-4711724	12-08-1987	Johnson	
	US-96	US-4713079	12-15-1987	Chun et al.	

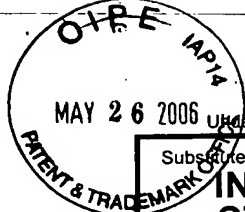
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	FP-16	GB- 2273106	06-08-1994	Jeyes Group PLC		
	FP-17	JP- 56158333	12-07-1981	Teijin Ltd.	Pages translated	
	FP-18	JP- 7299468	11-14-1995	Hakuto Co., Ltd	Pages translated	
	FP-19	WO-8103110	11/12/1981	Barta		
	FP-20	WO- 88/02987	05-05-1988	Great Lakes Chemical Corp.		
	FP-21	WO- 89/10696 A1	11-16-1989	Puzig		

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Sheet **5** of **11****U.S. PATENT DOCUMENTS**

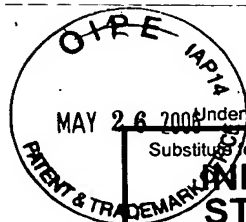
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	US-97	US-4728453	03-01-1988	Choy	
	US-98	US-4745189	05-17-1988	Lee et al.	
	US-99	US-4752443	06-21-1988	Hoots et al.	
	US-100	US-4759852	07-26-1988	Trulear	
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	US-109	US-4803079	02-07-1989	Hsiao et al.	
	US-110	US-4822512	04-18-1989	Auchincloss	
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	US-113	US-4849237	07-18-1989	Hurst	
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	FP-22	WO- 90/15780 A1	12-27-1990	Rakestraw et al.		
	FP-23	WO- 96/28173 A1	09-19-1996	Mullerat et al.		
	FP-24	WO- 96/30491 A1	10-03-1996	Jeyes Group PLC		

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	US-122	US-4923634	05-08-1990	Hoots et al.	
	US-123	US-4925866	05-15-1990	Smith	
	US-124	US-4929424	05-29-1990	Meier et al.	
	US-125	US-4929425	05-29-1990	Hoots et al.	
	US-126	US-4964892	10-23-1990	Hsu	
	US-127	US-4966716	10-30-1990	Favstritsky et al.	
	US-128	US-4992209	02-12-1991	Smyk et al.	
	US-129	US-4995987	02-26-1991	Whitekettle et al.	
	US-130	US-5017369	05-21-1991	Marhevka	
	US-131	US-5034155	07-23-1991	Soeder et al.	
	US-132	US-5035806	07-30-1991	Fong et al.	
	US-133	US-5047164	09-10-1991	Corby	
	US-134	US-5055285	10-08-1991	Duncan et al.	
	US-135	US-5057612	10-15-1991	Worley et al.	
	US-136	US-5076315	12-31-1991	King	
	US-137	US-5089127	02-18-1992	Junker et al.	
	US-138	US-5118426	06-02-1992	Duncan et al.	
	US-139	US-5120452	06-09-1992	Ness et al.	
	US-140	US-5120797	06-09-1992	Fong et al.	
	US-141	US-5124032	06-23-1992	Newhard	
	US-142	US-5130033	07-14-1992	Thornhill	
	US-143	US-5137563	08-11-1992	Valkanias	
	US-144	US-5141652	08-25-1992	Moore, Jr. et al.	

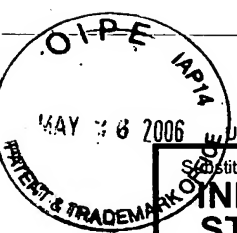
FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
	FP-25	WO- 97/15652 A1	05-01-1997	Clorox Co.		
	FP-26	WO- 97/20546 A1	06-12-1997	Petri et al.		
	FP-27	WO- 97/20909 A1	6-12-1997	Petri et al.		
	FP-28	WO- 97/34827 A1	09-25-1997	Dallmier et al.		
	FP-29	WO- 97/43264 A1	11-20-1997	Great Lakes Chemical		

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		Application Number	10/540,378
		Filing Date	June 23, 2005
		First Named Inventor	James L. McNaughton
		Art Unit	1614
		Examiner Name	---
		Attorney Docket Number	S-0796-US
Sheet	7	of	11

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	L-1	CABA Copyright 2002 CABI Abstract of Bukh, K., "Use of Chlorine in Experiments on Controlling Swine Dysentery", Dansk Veterinaertidsskrift, (1988), vol 71, no. 24, pp. 1278-1286.	
	L-2	CAPLUS Abstract of Heir, et al., "The Staphylococcus qacH gene product: a new member of the SMR family encoding multidrug resistance", FEMS Microbiol. Lett. (1998), 163(1), ppg 49-56. Accession No. 1998:343309 CAPLUS	
	L-3	CAPLUS Abstract of Sanderson et al., "Case Reports: epidemic eye and upper respiratory irritation in poultry processing plants", Appl. Occup Environ. Hyg, 1995, 10(1), 43-9. Accession No. 1995:439186 CAPLUS	
	L-4	Frosti Abstract of Bocharov D.A., "Disinfection of Poultry Processing Plant Objects", Proceedings of the 22 nd European meeting of Meat Research Workers, Malmo, August- September, I (C6), 4 pp., 1976. Accession No. 78674 Frosti	
	L-5	Frosti Abstract of Lemaitre et al., "Plasmid-mediated resistance to antimicrobial agents among listeriae", Journal of Food Protection, 1998, November, 61 (11), ppg 1459-1464. Accession No. 483547 Frosti	
	L-6	Frosti Abstract of Marriot, N.G., "Meat and poultry sanitation", Essentials of Food Sanitation, published by Chapman & Hall, London, 1997, 188-210. Accession No. 441637 Frosti	
	L-7	Frosti Abstract of Mullerat et al., "Efficacy of Salmide, a sodium chlorite-based oxy-halogen disinfectant, to inactivate bacterial pathogens and extend shelf-life of broiler carcasses", Journal of Food Protection, 1994, 57(7), 596-603. Accession No. 353342 Frosti	
	L-8	Frosti Abstract of Sheldon, B.W., "New and novel chemical and biological approaches for inhibiting pathogens and spoilage microorganisms associated with muscle food systems", Turkeys, 1996, 44(2), 9-12. Accession No. 410383 Frosti	
	L-9	Frosti Abstract of Smith, G., "Poultry industry looks to chlorine dioxide for pathogen control", Meat Processing, 1996, 35(10), 47. Accession No. 429057 Frosti	
	L-10	Frosti Abstract of Sundheim, G., et al., "Resistance of meat associated staphylococci to a quaternary ammonium compound", Food Microbiology, 1992, 9(2), 161-7. Accession No. 291734 Frosti	
	L-11	Frosti Abstract of "Foodborne Pathogen Control", Poultry International, 1994, (July), 62, author unknown. Accession No. 359896 Frosti	
	L-12	HCAPLUS Abstract of JP 07171576 A2 issued 1995.	
	L-13	HCAPLUS Abstract of JP 07277912 A2 issued 1995.	
	L-14	HCAPLUS Abstract of JP 08027119 A2 issued 1996.	
	L-15	HCAPLUS Abstract of JP 08239699 A2 issued 1996.	
	L-16	HCAPLUS Abstract of JP 09087684 A2 issued 1997.	
	L-17	HCAPLUS Abstract of JP 09227317 A2 issued 1997.	

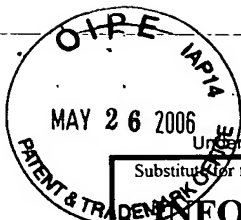
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Complete if Known

Application Number	10/540,378
Filing Date	June 23, 2005
First Named Inventor	James L. McNaughton
Art Unit	1614
Examiner Name	---
Attorney Docket Number	S-0796-US

Sheet **8** of **11****NON PATENT LITERATURE DOCUMENTS**

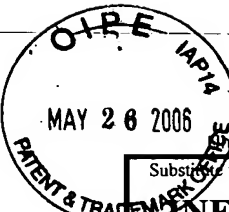
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	L-18	"4500-Cl Chlorine (Residual)"; Standard Methods for the Examination of Water and Wastewater; 18 th Edition, 1992, pages 4-36 to 4-37.	
	L-19	"9215 C. Spread Plate Method", Microbiological Examintion (9000), ppg 9-38 - 9-40.	
	L-20	Abstract of a presentation to the Annual Meeting of the International Association for Food Protection (formerly IAMFES), Atlanta, GA. August 9, 2000, Continuous On-line Processing of Fecal Contaminated Poultry Carcasses, from website http://www.sanova.com/abstract.html , website visited 1/31/2003, 22 pages	
	L-21	Al Zahrani, S.M., "Utilization of Polyethylene and Paraffin Waxes as Controlled Deliveery Systems for Different Fertilizers", Ind. Eng. Chem. Res., 2000, vol 39, pp 369-371.	
	L-22	Albright, J.C., "Liquid Bromine Removes Obstinate Algae from 10,000 Gallon Tower for \$2.10 a Day," Petroleum Processing (1948) 3: 421-422.	
	L-23	Aull, R. and T. Krell, "Design Features and their Affect on High Performance Fill," paper TP00-01 (Houston, TX: Cooling Technology Institute, 2000), ppg 1-31.	
	L-24	Ault et al., "Infrared and Raman Spectra of the M+Cl ₃ ion Pairs and Their Chlorine-bromine Counterparts isolated in Argon Matrices", Journal of Chemical Physics, 1976, Vol. 64, No. 12, ppg. 4853-4859.	
	L-25	Author unknown, "Big Brother Brominator - Brominators", Bulky Systems Website, < http://www.bulkysystemsinc.com/brominator.html > , (Visited August 10, 2001). 1 page.	
	L-26	Author unknown, "Bio Lab Brominator", Conely Company Website, < http://www.conelyco.com/Pool-Spa/parts/biobrom.htm > (Visited August 10, 2001), 2 pages.	
	L-27	"AWT Legionella 2003 - An Update and Statement by the Association of Water Technologies (AWT)" (McLean, VA: Association of Water Technologies, 2003). ppg 1-33.	
	L-28	Baader Johnson, Your Partner for Complete Processing Solutions, Birdwasher IO505-16, published 2/22/2002, 2 pages.	
	L-29	Baader Johnson, Your Partner for Complete Processing Solutions, Birdwasher IO505-20, published 12/28/2000, 2 pages.	
	L-30	Balard, A.J., Annales de Chemie et de Physique (1826), vol 32, ppg 371-372.	
	L-31	Barratt, S. and C.P. Stein, "On Bromine Chloride," Proceedings of the Royal Society (London) (1929) vol 122: 582-588.	
	L-32	Bartholomew, R.W., "Bromine-based Biocides for Cooling Water Systems: A Literature Review," Paper IWC 98-74 (Pittsburgh, PA: Engineers' Society of Western Pennsylvania, 1998), 30 pages.	
	L-33	Beckwith, T.D. and J.R. Moser, Journal of the American Water Works Association (1933) 25: 367-374.	
	L-34	Blaser, Martin J., et al., "Inactivation of <i>Campylobacter jejuni</i> by Chlorine and Monochloramine", Applied and Environmental Microbiology, vol 51, no. 2, 1986, ppg 307-311.	

Examiner Signature	Date Considered
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Complete if Known

Application Number	10/540,378
Filing Date	June 23, 2005
First Named Inventor	James L. McNaughton
Art Unit	1614
Examiner Name	---
Attorney Docket Number	S-0796-US

Sheet **9** of **11****NON PATENT LITERATURE DOCUMENTS**

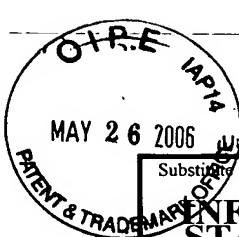
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	L-35	Bongers, L.H., T.P. O'Connor and D.T. Burton, "Bromine Chloride - An Alternative to Chlorine for Fouling Control in Condenser Cooling Systems," report no. EPA-600/7-77-053 (Research Triangle Park, NC: EPA Office of Research and Development, May 1977), 5 pages.	
	L-36	"Bromine Brine," Arkansas Geological Commission, web address www.state.ar.us/agc/bromine.htm ; 1 page.	
	L-37	Brungs, W.A., "Effects of Residual Chlorine on Aquatic Life," Journal of the Water Pollution Control Federation (1973) 45: 2180-2193.	
	L-38	Cantrell, Evisceration Equipment, from Cantrell website http:// www.cantrell.com/evislist1.htm , website visited 9/19/2003, unknown publication date, 5 pages.	
	L-39	Cantrell, Inside/Outside Bird Washer, from Cantrell website http:// www.cantrell.com/evislist1.htm , website visited 2/20/2003, unknown publication date, 1 pages.	
	L-40	Cantrell Machine Co., Inc., Brochure, Inside/Outside Bird Washer, Model No. FIO-515, 2 pages	
	L-41	Carpentier et al., "Biofilms and their consequences, with particular reference to hygiene in the food industry", Journal of Applied Bacteriology, 1993, Vol. 75, ppg 499-511.	
	L-42	Carr, Anita C., "Differential reactivities of hypochlorous and hypobromous acids with purified Escherichia coli phospholipid: formation of haloamines and haloaldehydes", Biochimica et Biophysica, 1392, 1998, ppg 254-264.	
	L-43	Characklis, W.G. and K.C. Marshall, ed., Biofilms: A Basis for an Interdisciplinary Approach, (New York, NY: John Wiley & Sons, 1987), pg 3-5.	
	L-44	"Chlorination"; Handbook of Industrial Water Conditioning; 7 th Edition; 1976; pages 24-29.	
	L-45	"Chlorine, Free and Total, For water, wastewater and seawater"; Hach Water Analysis Handbook; 3 rd Edition; 1997; pages 1206-1207.	
	L-46	Chowhan et al., "Hardness Increase Induced by Partial Moisture Loss in Compressed Tablets and Its Effect on In Vitro Dissolution", J. Pharm. Sciences, October 1978, Vol. 67, No. 10, ppg. 1385-1389.	
	L-47	Clare, A.S., "Marine Natural Product Antifoulants: Status and Potential," Biofouling (1996) 9: 211-229.	
	L-48	Conley, J.C., E.H. Puzig, and J.E. Alleman, "Bromine Chemistry - An Alternative to Dechlorination in Cooling Water and Wastewater Disinfection," IWC-87-42 (Pittsburgh, PA: Engineers' Society of Western Pennsylvania, 1987), ppg 389-395.	
	L-49	"Control of Legionella in Cooling Towers: Summary Guidelines," (Madison, WI: Wisconsin Division of Health, August 1987), 45 pages.	
	L-50	Corral et al., "Substitution in the Hydantoin Ring. III. Halogenation", J. Org. Chem., 1963, Vol. 28, ppg. 1100-1104.	
	L-51	Costerton, J.W. and P.S. Stewart, "Battling Biofilms," Scientific American (July 2001) 285: 74-81.	
	L-52	Dickens, J.A., et al., "Efficacy of an Herbal Extract on the Microbiological Quality of Broiler During a Simulated Chill", Poultry Science, 2000, vol 79, ppg 1200-1203.	

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Complete if Known

Application Number	10/540,378
Filing Date	June 23, 2005
First Named Inventor	James L. McNaughton
Art Unit	1614
Examiner Name	—
Attorney Docket Number	S-0796-US

Sheet **10** of **11****NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	L-53	Discount Pool & Spa Supplies, Automatic Chlorinators and Chemical Feeders Website, < http://www.discountpoolsupplies.com/Chemfeeders/ > Visited August 10, 2001, 3 pages.	
	L-54	Dychala, G.R., "Chlorine and Chlorine Compounds" in Disinfection, Sterilization, and Preservation 4 th Ed., S.S. Block, ed., pp. 137-138 and 149-15, (Philadelphia, PA, Lea & Febiger, 1991).	
	L-55	Elsmore, R., "Development of Bromine Chemistry in Controlling Microbial Growth in Water Systems," International Biodeterioration and Biodegradation (1994) 245-253.	
	L-56	Enzien, M. and B. Yang, "On-line Performance Monitoring of Treatment Programs for MIC Control," paper 01279 (Corrosion 2001, Houston, TX: NACE International, 2001), 13 pages.	
	L-57	"Evolution of Industrial Water Treatment," Betz Handbook of Industrial Water Conditioning, Seventh Edition, pp 7-15 (Trevoise, PA: Betz Laboratories, Inc., 1976).	
	L-58	Fabrizio, K.A., et al., "Comparison of Electrolyzed Oxidizing Water with Various Antimicrobial Interventions to Reduce Salmonella Species on Poultry," Poultry Science, 2002, vol 81, ppg 1598-1605.	
	L-59	Fair, G.M., et al., "The Behavior of Chlorine as a Water Disinfectant," Journal of the American Water Works Association (1948) 40: 1051-1061.	
	L-60	Farkas-Himsley, H., "Killing of Chlorine-Resistant Bacteria by Chlorine-Bromine Solutions," Applied Microbiology (1964) 12: 1-6.	
	L-61	Food Engineering: Multiple Hurdles Minimize Pathogens, Poultry Interventions, website http://www.foodengineeringmag.com/articles/1999/1299/1299f2.htm , website visited 1/31/2003, 1 page, publication date unknown.	
	L-62	Food Engineering: Research & Development (1099), from website http://www.foodengineeringmag.com/articles/1999/1099/1099research.htm , website visited 1/31/2003, 3 pages	
	L-63	Freije, M.R., "Legionellae Control in Health Care Facilities: A Guide for Minimizing Risk," (Indianapolis, IN: HC Information Resources, Inc., 1996, ppg 25-41.	
	L-64	Genthe, H. "The Incredible Sponge," Smithsonian (August 1998) 29: 50-58.	
	L-65	Gillam, A.E. and R.A. Morton, "The Absorption Spectra of Halogens and Inter-Halogen Compounds in Solution in Carbon Tetrachloride," Proceedings of the Royal Society (London) (1929) vol 124: 604-616.	
	L-66	Givskov, M. et al., "Eukaryotic Interference with Homoserine Lactone-Mediated Prokaryotic Signaling," Journal of Bacteriology (1996) 178: 6618-6622.	
	L-67	Gottardi: Reaction of Cl Br - In Aqueous solution (76 Zeutralks. Bakteriell., Parasiteukd,) In Fektionskr. Hyg., Abt. 1; Orig., Geihe B 162 (3-4), ppg 384-388.	
	L-68	Grinbaum, B. and M. Friedman, "Bromine," in Kirk-Othmer Encyclopedia of Chemical Technology 4 th Ed. (New York, NY: John Wiley and Sons, Inc., 2001), vol 4, ppg 548-549.	
	L-69	Hawkins, Clare L., et al., "Hypochlorite- and Hypobromite-Mediated Radical Formation and Its Role in Cell Lysis", Archives of Biochemistry and Biophysics, vol 395, no. 2, November 15, 2001, ppg 137-145.	

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Substitute for Form 1449/PTO		Complete if Known			
		Application Number	10/540,378		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Filing Date	June 23, 2005		
		First Named Inventor	James L. McNaughton		
		Art Unit	1614		
		Examiner Name	---		
Sheet	11	of	11	Attorney Docket Number	S-0796-US

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	L-70	Houghton, G.U., "Bromine Content of Underground Waters. II. Observations on the Chlorination of Water Containing Free Ammonia and Naturally Occurring Bromide", Journal of the Society of the Chemical Industry (1946) 65: 324-328	
	L-71	Hayward America's #1 Pool Water Systems Product Catalog, "Automatic Chemical Feeders" "Chlorinators (Slow Dissolve Tri-Chlor Only) and Brominators, Hayward Pool Products Inc. Website, < http://www.haywardnet.com/products/catalog/displayProdInfo.cfm?itemID=61 > , 2 pages.	
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	L-73	Hayward Pool Products Owner's Guide, Installation and Operating Instructions, "Hayward Chemical Feeder", Models C250CF, C500CF, C1100CF, C1800CF, C2400CF, - 1998 - 4 pages	
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